

**Amendments to the Claims:**

1. (Original) An amplifier comprising:
  - a first input for at least two input signals having mutually distinct wavelengths,
  - a first output for a first at least two output signals, the first at least two output signals having said mutually distinct wavelengths,
  - a first circulator including an input port coupled to the first input, an output port coupled to the first output, and a intermediate port coupled to a first end of a selective reflection circuit, and,
  - a second circulator including an intermediate port coupled to a second end of the selective reflection circuit, an output port coupled to a first selective splitter, and an input port coupled to a second selective splitter, wherein the first selective splitter and the second selective splitter are centered about a first selected wavelength amongst the mutually distinct wavelengths.

Claims 2-10 (canceled).